

Massachusetts Department of Public Health

Project Abstract

Funding Opportunity: CDC-RFA-IP14-1406PPHF14

PPHF 2014: Immunization – Enhance an Immunization Information System (IIS) to Interface with CDC's VTrckS Vaccine Ordering and Management System

Abstract

The Massachusetts Department of Public Health (MDPH) will enhance its current vaccine management module in its immunization information system (IIS), the Massachusetts Immunization Information System (MIIS), to improve vaccine accountability and increase program operations efficiency. The system enhancements will encompass two phases with the first to be complete in early 2015 and the second by early 2016. Phase one enhancements will include redesign of the new order workflow and more advanced logic applied to inventory decrementing and vaccine usage reporting. Phase two enhancements will include the ability to fully process vaccine returns and wastage within the IIS including functionality to upload information to VTrckS. New audit trail functionality will also be implemented throughout the system. Phase two enhancements will also include vaccine recall functionality that will interface with the registry module. These enhancements to the MIIS will help improve overall vaccine accountability for the over \$120 million worth of federal and state funded vaccines that are distributed by MDPH annually to Massachusetts providers.